

SEVERE LOCAL STORMS FOR OCTOBER 1946

[The table herewith contains such data as have been received concerning severe local storms that occurred during the month. A revised list of tornadoes will appear in the United States Meteorological Yearbook]

Place	Date	Time	Width of path, yards	Loss of life	Value of property destroyed	Character of storm	Remarks
New York State, northern section.	Oct. 1946 1				\$100,000	Heavy snow	Rain changed to wet, heavy snow in early hours and continued all day; depth ranged up to 22 inches. Rail traffic delayed; many secondary roads blocked, and numerous automobiles stalled on highways. Trees broken; utility lines disrupted for extended periods. \$100,000 damage estimated, for Watertown, N. Y., only. Total damage for area undetermined.
Nebraska, south-central counties.	3-7					Heavy rains	Rain measured from 6 to 7.70 inches in some sections, causing flooding in lowlands. Some damage from washing, and loss in corn and root crops where water was standing.
Rogers, N. Mex.	5	P. m.				Severe wind	Much damage to farm buildings; small loss in crops.
North Dakota, northwest portion.	5-8					Snow	9 inches of snow fell. All roads open by the 8th, and telephone service resumed after 3 days.
Florida	6-9			0	5,200,000	Hurricane	This hurricane was one that quickly lost force only a few hours before striking. Loss in citrus fruits, \$5,000,000; property damage, about \$200,000. Tides along Florida west coast were unusually high and caused much of damage. Town of Everglades was inundated to depths ranging from 1½ to 3 feet. Parts of Punta Gorda and Fort Myers were flooded as well as low beaches and islands from Tampa Bay to the Keys. Some few beach cottages were undermined or damaged or destroyed. Considerable damage to piers, bulkheads, sea-walls, and houseboats. As the storm moved northward through the State, some communication and power lines were downed by falling trees and limbs, but loss was not great. Slight damage was reported along the Atlantic coast around Titusville, Fla., to Charleston, S. C., mostly from high tides.
South Dakota, north-central counties.	7					Rain, sleet, and snow.	Rain changing to sleet and snow caused spotted damage to power and telephone lines and broke down trees and caused loss in unharvested crops.
South Carolina	8	Entire day				Tropical disturbance.	Storm accompanied by heavy to excessive rains and winds reaching gale force in some areas. Damage negligible except that some open cotton in fields was blown down and beaten to the ground lowering the quality of staple.
Martin and Howard Counties, Tex.	9	7:02 p. m.	11		110,000	Hail, wind, and rain.	Loss in crops, \$100,000; property damage, principally in Big Spring, \$10,000.
Goodland, Okla.	17	5:30-6 p. m.	100	0	25,000	Tornado	Loss to crops in stack or stored in barns, \$7,000; several farm buildings damaged; school buildings destroyed, \$18,000.
Greenwood, Ind.	18	4:35 a. m.	33	0	50,000	do.	Buildings and airplanes damaged; trees and poles down; path southwest to northeast and 1 mile long.
Muskogee, Okla.	24	2:30 a. m.			50,000	Electrical	School building struck by lightning and burned.
Kalispell, Mont., and vicinity	26	1 a. m.-9 p. m.				Heavy snow	Power and communication lines disrupted between Kalispell and Polson, Mont. During this storm snowfall measured 11 inches, establishing a new October record for Kalispell. Mishaps on highways plentiful, but none serious.

¹ Miles instead of yards.

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Phillipsburg, Kans., and vicinity.	September 1946 2	9:30 a. m.-12:10 p. m.	880-1,320		\$10,000	Heavy hail and wind	Loss in crops; 3 airplanes at Phillipsburg Airport damaged; path 5 miles long.
Eskridge to Alma, Kans., and vicinity.	2	About noon		0	2,000	Tornado	Path extended from southwest of Eskridge to north of Alma. Large barn 6 miles west of Eskridge destroyed; path 20 miles long.
Geary County, Kans.	3	5 p. m.	12-3		15,000	Heavy hail	Path extended through center of Geary County from north to south. Much loss in crops; path 20 miles long.
Nemaha and Brown Counties, Kans.	3-4	10 p. m.-2:30 a. m.	128		240,000	Hail and wind	Damage especially severe in Powhattan, Hiawatha, Seneca, and Norton, Kans. Roofs damaged on about 1,410 buildings in Brown County. Estimate about equally divided between 2 counties, with \$160,000 crop loss and \$80,000 property damage; path 40 miles long.
Pottawatomie County, Kans., eastern and south-central portion.	4	9:30 a. m.-3 p. m.	115		35,000	Wind and rain	Telephone service between Topeka and Manhattan interrupted for several hours. Corn flattened; crop loss, \$40,000; path 30 miles long.
Chapman, Kans., and vicinity.	4	1-2 p. m.	16		10,000	Heavy hail	Globes of street lamps and window panes broken; roofs damaged; some crop loss; path 12 miles long.
Toronto, Kans., and vicinity	4	3:30-4:30 p. m.	120		5,500	High winds	Trees blown over; telephone and power lines damaged; much corn flattened; path 25 miles long.
Lincoln County, Kans., west-central and northern portions.	4	P. m.	14		50,000	Hail and wind	Leaves stripped from trees and growing crops; many small buildings blown over.
Lime Springs, Riceville, and Jamestown, Iowa.	5	P. m.				Hail, wind, heavy rain, and flood.	Farm buildings damaged, crops flattened, trees blown over, and loss in corn and soybeans from hail. Heavy rain caused local flooding; several bridges washed out.
Ridgeway, Decorah, Nordness, Waukon, and New Albin, Iowa.	5	P. m.			34,000	Wind, heavy rain, and flood.	Trees blown over and crops flattened. Heavy rain caused local flooding; railroad grades and bridges washed out. Flood loss along upper Iowa River and tributaries estimated at \$34,000.
Emmetsburg, Iowa.	5	do.				Wind	Trees and cornfields leveled.
Northwood, Long Grove, Davenport, McCausland, Mason City, and Clinton, Iowa.	5	do.				Wind, electrical, and heavy rain.	Streets and basements flooded; small creeks overflowed. Wind caused minor damage; some farm buildings burned.
Buckhannon, W. Va., vicinity of.	10	12:15-12:23 p. m., E. S. T.	11		7,500	Wind and rain	10 airplanes outside of hangar at Lewis Airport caught in sudden, severe windstorm and damaged.
Menlo to Monument, Kans.	13	6 p. m.	do.		45,000	Hail and wind	Crop loss small, not estimated; sheds and grain bins blown over path 25 miles long.

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